

Title (en)

Electrostatic discharge grounding system and method of operating same.

Title (de)

Erdungssystem für elektrostatische Entladung und Verfahren zu dessen Betrieb.

Title (fr)

Système de mise à la terre pour décharge électrostatique et procédé de mise en oeuvre.

Publication

EP 0372244 A1 19900613 (EN)

Application

EP 89120665 A 19891108

Priority

US 28141288 A 19881208

Abstract (en)

A switching device (30) on a printed circuit card assembly (10) is provided which permits the signal ground plane (16) of the printed circuit card (12) to be grounded to the machine ground during insertion of the card into the frame (22) of the machine, and when the card (12) is fully inserted the switch (30) is opened to allow the signal ground (16) of the card (10) to be electrically isolated from the machine ground of the frame (22).

IPC 1-7

H05K 9/00

IPC 8 full level

H01R 4/64 (2006.01); **H05F 3/02** (2006.01); **H05K 7/14** (2006.01); **H05K 9/00** (2006.01)

CPC (source: EP US)

H05K 9/0039 (2013.01 - EP US)

Citation (search report)

- [AD] US 4179178 A 19791218 - BACHMAN WILLIAM J [US], et al
- [A] DE 7232694 U 19721207
- [AD] US 4439809 A 19840327 - WEIGHT MERLE E [US], et al

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US6038139A; DE29520176U1; DE29610694U1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

US 4864458 A 19890905; CA 1287691 C 19910813; DE 68916194 D1 19940721; DE 68916194 T2 19950112; EP 0372244 A1 19900613; EP 0372244 B1 19940615; JP H02202096 A 19900810; JP H07101779 B2 19951101

DOCDB simple family (application)

US 28141288 A 19881208; CA 605522 A 19890713; DE 68916194 T 19891108; EP 89120665 A 19891108; JP 31787789 A 19891208